

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 Claim 1. (Currently Amended) A plasma display, comprising:

2 first and second substrates opposing one another;

3 a plurality of first electrodes formed on a surface of the first substrate facing the second
4 substrate;

5 a first dielectric layer covering the first electrodes;

6 a plurality of main barrier ribs integrally formed on a surface of the second substrate facing
7 the first substrate, the main barrier ribs defining a plurality of discharge cells;

8 a plurality of electrode barrier ribs formed on the second substrate between the main barrier
9 ribs;

10 a second electrode and a second dielectric layer being formed on a distal end of each of the
11 electrode barrier ribs, with no materials for electrode or dielectric layers provided to innermost
12 portions between the barrier ribs of said main barrier ribs and said electrode barrier ribs;

13 phosphor layers formed within the discharge cells; and

14 discharge gas provided in the discharge cells.

1 Claim 2. (Original) The plasma display of claim 1, with the second dielectric layer being

2 formed on the second electrode formed on the distal end of each of the electrode barrier ribs.

1 Claim 3. (Original) The plasma display of claim 1, further comprising a third dielectric layer
2 being formed on a distal end of each of the main barrier ribs, and a height of an upper surface of the
3 third dielectric layer and a height of an upper surface of the second dielectric layer being
4 substantially the same.

1 Claim 4. (Currently Amended) A plasma display, comprising:
2 first and second substrates opposing one another;
3 a plurality of first electrodes formed on a surface of the first substrate facing the second
4 substrate;
5 a first dielectric layer covering the first electrodes;
6 a plurality of main barrier ribs integrally formed on a surface of the second substrate facing
7 the first substrate, the main barrier ribs defining a plurality of discharge cells;
8 a plurality of electrode barrier ribs formed on the second substrate between the main barrier
9 ribs;
10 a second electrode and a second dielectric layer being formed on a distal end of each of the
11 electrode barrier ribs;
12 phosphor layers formed within the discharge cells;
13 discharge gas provided in the discharge cells; and

14 ~~The plasma display of claim 1, further comprising~~ a third dielectric layer being formed on
15 a distal end of each of the main barrier ribs, and a height of an upper surface of the third dielectric

16 layer being greater than a height of an upper surface of the second dielectric layer.

1 Claim 5. (Original) The plasma display of claim 1, wherein one of the second electrodes is
2 formed on a distal end of each of the main barrier ribs and the electrode barrier ribs.

Claim 6. (Canceled)

1 Claim 7. (Original) The plasma display of claim 1, wherein the electrode barrier ribs are
2 formed integrally with the second substrate.

1 Claim 8. (Original) The plasma display of claim 1 wherein each discharge cell is divided into
2 a plurality of partitioned discharge cells in which the same phosphor layer is formed.

1 Claim 9. (Original) The plasma display of claim 8, wherein each discharge cell is divided into
2 two partitioned discharge cells.

1 Claim 10. (Currently Amended) The plasma display of claim 8, wherein the partitioned
2 discharge cells defined by the main barrier ribs include concave surfaces, and a width of each of the
3 partitioned discharge cells are formed to correspond to a color displayed by the particular partitioned
4 discharge cell.

1 Claim 11. (Original) The plasma display of claim 10, wherein the partitioned discharge cells
2 displaying blue include a larger width than the partitioned discharge cells displaying green, and the
3 partitioned discharge cells displaying green have a larger width than the partitioned discharge cells
4 displaying red.

1 Claim 12. (Currently Amended) A method for manufacturing [[a]] the plasma display of
2 claim 1, comprising:

3 integrally forming [[a]] the plurality of main barrier ribs on the second substrate being a
4 plasma display substrate, the main barrier ribs defining [[a]] the plurality of discharge cells;

5 forming the electrode barrier ribs between the main barrier ribs;

6 forming [[an]] the second electrode on [[a]] the distal end of each of the electrode barrier
7 ribs; and

8 forming [[a]] the dielectric layer on each of the electrodes.

1 Claim 13. (Withdrawn) The method of claim 12, wherein the main barrier ribs and the
2 electrode barrier ribs are formed simultaneously.

1 Claim 14. (Withdrawn) The method of claim 12, wherein the main barrier ribs, the electrode
2 barrier ribs, and the electrodes are formed simultaneously.

1 Claim 15. (Withdrawn) The method of claim 12, wherein the main barrier ribs, the electrode

2 barrier ribs, the electrodes, and the dielectric layers are formed simultaneously.

1 Claim 16. (Withdrawn) The method of claim 12, with the main barrier ribs and electrode
2 barrier ribs being formed by using the second electrodes as a mask.

1 Claim 17. (Withdrawn) The method of claim 12, with the second electrode forming before
2 the main barrier ribs.

1 Claim 18. (Withdrawn) The method of claim 12, with the main barrier ribs being integrally
2 formed to the second substrate before the formation of the second electrode and second dielectric
3 layer.

1 Claim 19. (Currently Amended) A plasma display, comprising:
2 a first substrate;
3 a second substrate opposing the first substrate;
4 a plurality of first electrodes formed on a surface of the first substrate facing the second
5 substrate;
6 a first dielectric layer covering the first electrodes;
7 a plurality of main lattice walls integrally formed on a surface of the second substrate facing
8 the first substrate, the main lattice walls defining a plurality of discharge cells;
9 a plurality of electrode lattice walls integrally formed on the second substrate between the

10 main lattice walls, each electrode lattice walls dividing each discharge cell formed between the main
11 lattice walls into a plurality of partitioned discharge cells, the partitioned discharge cells for each of
12 the discharged cells accommodating a phosphor layer of the same color;

13 a second electrode formed on a distal end of each of the electrode lattice walls; and

14 a second dielectric layer formed on the second electrode formed on the distal end of each of
15 the electrode lattice walls, with electrode and dielectric layers being formed on only the distal ends
16 of the lattice walls.

1 Claim 20. (Original) The plasma display of claim 19, further comprising a third dielectric
2 layer being formed on a distal end of each of the main lattice walls, and a height of an upper surface
3 of the third dielectric layer and a height of an upper surface of the second dielectric layer being
4 substantially the same.

1 Claim 21. (Currently Amended) A plasma display, comprising:
2 a first substrate;
3 a second substrate opposing the first substrate;
4 a plurality of first electrodes formed on a surface of the first substrate facing the second
5 substrate;
6 a first dielectric layer covering the first electrodes;
7 a plurality of main lattice walls integrally formed on a surface of the second substrate facing
8 the first substrate, the main lattice walls defining a plurality of discharge cells;

9 a plurality of electrode lattice walls integrally formed on the second substrate between the
10 main lattice walls, each electrode lattice walls dividing each discharge cell formed between the main
11 lattice walls into a plurality of partitioned discharge cells, the partitioned discharge cells for each of
12 the discharged cells accommodating a phosphor layer of the same color;

13 a second electrode formed on a distal end of each of the electrode lattice walls; and

14 a second dielectric layer formed on the second electrode formed on the distal end of each of
15 the electrode lattice walls; and

16 ~~The plasma display of claim 19, further comprising~~ a third dielectric layer being formed on
17 a distal end of each of the main lattice walls, and a height of an upper surface of the third dielectric
18 layer being greater than a height of an upper surface of the second dielectric layer.

1 Claim 22. (New) The plasma display of claim 3, further comprised of said second electrodes
2 formed on said electrode barrier ribs realizing an electrical connection with said first electrodes
3 formed on said first substrate accommodating discharge in areas between said second electrodes and
4 said first electrodes, and said second electrodes formed on said main barrier ribs used to
5 accommodate the height of said third dielectric layers of said main barrier ribs being substantially
6 the same as a height of said second dielectric layers of said electrode barrier ribs, said second
7 electrodes of said main barrier ribs not being electrically connected and acting as floating electrodes,
8 or grounded to not affect the discharge operation.

1 Claim 23. (New) The plasma display of claim 1, further comprised of the widths and heights

2 of discharge cells being adjusted according to the color displayed, the widths and depths of the
3 partitioned discharge cells are adjusted to control the areas of the phosphor layers to accommodate
4 the brightness ratios of the light emitted from the discharge cells being made to conform to
5 established brightness ratios without reducing the input signal levels.